


 Substitute Form PTO-1449
 (Modified)

 U.S. Department of Commerce
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 14878-065001

 Application No.
 09/647,772

**Information Disclosure Statement
 by Applicant**

(Use several sheets if necessary)

 Applicant
 Noritsugu Yamasaki et al.

 Filing Date
 October 4, 2000

 Group Art Unit
 1626

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SNW	AA	5,118,700	6/2/92	Butler et al.			
	AB						
	AC						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
SNW	AD	5-345778, A	12/27/93	JP				
SNW	AE	3-58968, A	3/14/91	JP				
SNW	AF	0539117, A1	4/28/93	EP				
SNW	AG	0409027, A1	6/2/92	EP				
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
SNW	AI	English Abstract of Japanese Publication No. 05-345778
SNW	AJ	English Abstract of Japanese Publication No. 03-058968
	AK	
	AL	

Examiner Signature

Sonja Wright

Date Considered

9-5-03

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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